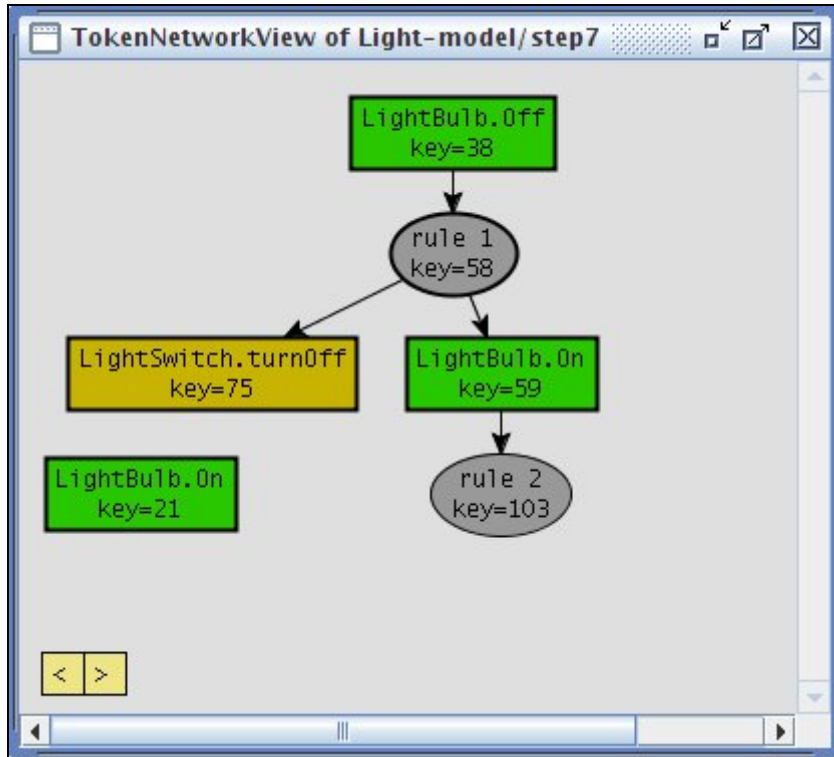


PlanWorks Token Network View

This view lays out the plan's token relations and rule instances in directed graphs whose root nodes are the "supreme" master tokens. For example:



The Token Network View is freshly laid out after a Content Filter specification is applied. The token nodes, are rendered as rectangles with a label containing the token's predicate name and its key value. The rule instance nodes, are rendered as ovals, with the instance key and the rule key values in the label. The initial rendering is of only the "root" token nodes and their immediate rule instance nodes. The view can be incrementally increased or decreased by clicking on the appropriate nodes (see below).

The view background Mouse-Right pop-up offers, in addition to the "standard" selections, "Find Entity Path", and "Highlight Current Path". "Find Entity Path" requests two entity keys, class node types to search, and an optional maximum path length. "Find Path" finds a path through the classes specified, rendering the selected nodes and highlighting them. This dialog also offers "Does Path Exist" which determines whether a path exists, without finding the nodes. Selected nodes are dragged as a group, which may be inconvenient. To deal with this, click Mouse-Left in the background to discard the selections, drag the nodes to new locations, and then on the background select Mouse-Right: "Highlight Current Path".

Mouse cursor over token nodes displays "predicateName(parameterValues)", and the second line, if appropriate, shows "Mouse-L: { open | close }". "Open" will display the tokens nearest neighbors, and "close" will make them invisible. Mouse-Right on the token nodes offers the selections "Open Navigator View", and "Set Active Token".

Mouse cursor over rule instance nodes displays "Mouse-L: { open | close }", which open/close its nearest neighbors. Mouse-Right on the rule instance nodes offers the selections "Open Navigator View", and "Open Rule Instance View". "Open Rule Instance View" creates an internal frame titled "RuleInstanceView of <plan-name>/stepnn - n",

which displays the "from" token, and "to" token key values and predicates, followed by the text of the rule. A "RuleInstanceView ..." internal frame may be created for every rule instance node in the Token Network View. Mouse- Right: "Close Rule Instance Views" on the view background can be used to remove all "Rule Instance Views".

Clicking Mouse-Left on a node link will make visible two small hollow squares, one at the "root" of the link, and the other at the tip of the arrow.